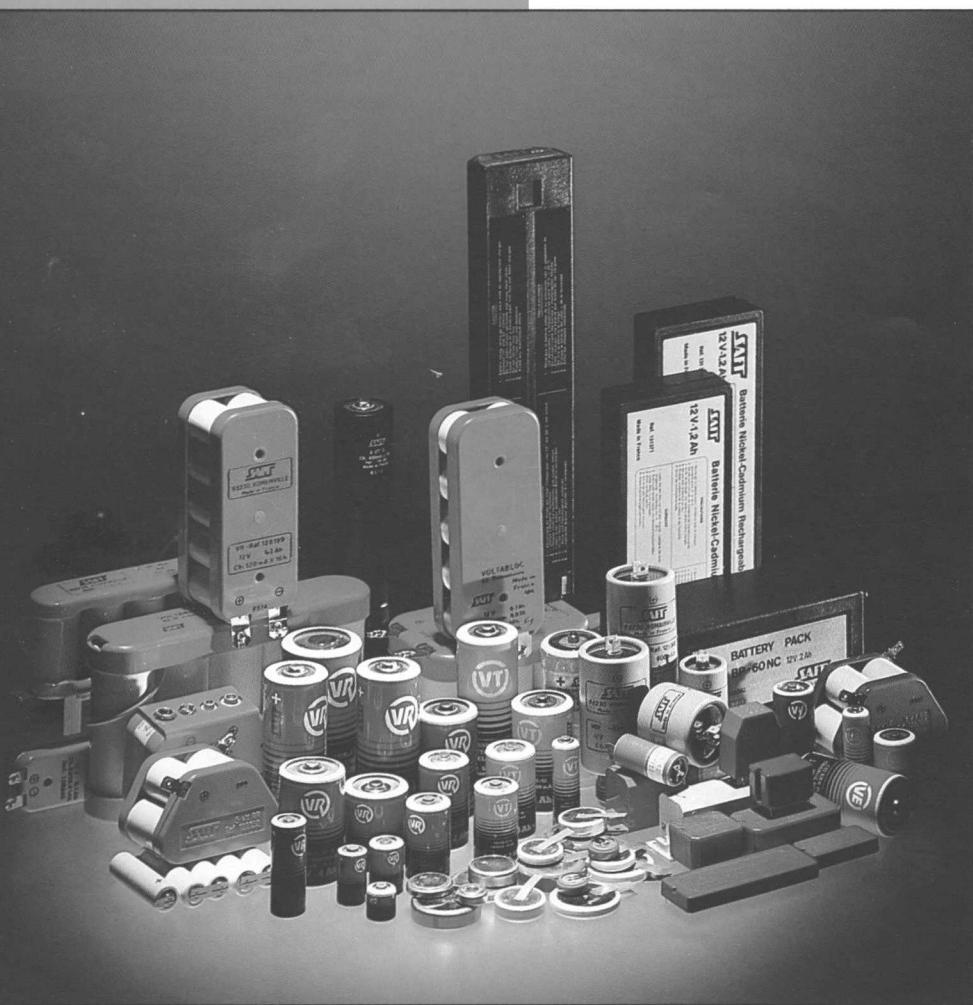


SAFT



PORTRABLE STORAGE BATTERIES

**SAFT PORTABLE
STORAGE BATTERIES
HAVE WHAT IT
TAKES TO DELIVER
REMARKABLE
PERFORMANCE**

Saft Reference	Characteristics	Capacity C5 Ah	Dimensions Ø (2)	Weight (g)	Application Examples
Cycling Types					
Standard Series (1) VR 023					
	VR 0.11 1/3AA	0.11	14.3	17.3	10
	VR 0.25 1/2AA	0.25	14.3	28.0	14
	VR 0.5 2/3AF	0.5	16.9	27.9	21
	VR 0.5 AA	0.5	14.3	50.2	23
	VR 0.8 3/2AA	0.8	14.3	73.0	37
	VR 1.2 Cs	1.2	22.4	42.2	49
	VR 2 C	2.0	25.6	49.5	75
	VR 2.5 2/3D	2.5	32.6	43.3	103
	VR 4 D	4.0	32.6	60.3	150
	VR 7 F	7.0	32.6	91.1	235
	VR 10 SF	10.0	41.5	89.0	390
Tools Household appliances Medical equipment Telecommunications Lamps					
Button VBE 022					
	VB 4E	0.04	15.7	6.0	3.5
	VB 10E	0.10	23.0	5.3	7
	VB 22E	0.22	25.1	7.8	12
	VB 30E	0.30	34.7	5.5	18
	VB 60E	0.60	34.7	9.8	31
Memory backup Cordless telephones					
High Energy series VE 026, VE 126					
	VE AA 600	0.6	14.3	49.2	25
	VE AA 700	0.7	14.3	49.2	25
	VE AF	1.0	16.9	49.2	37
	VE Cs 1400	1.4	22.4	42.2	52
	VE Cs 1700	1.7	22.4	42.2	55
	VE D	4.5	32.4	58.3	154
Telecommunications Electric shavers					
High Power Rapid Charge Series VY 025, VY 125					
	VY Cs 1200	1.2	22.4	42.2	53
	VY Cs 1400	1.4	22.4	42.2	55
Professional tools Remote control cars, etc.					
Permanent charge types					
Stand-by Series VR 033					
	VR Cs	1.2	22.5	41.9	52
	VR D	4.0	32.7	80.3	139
	VR F	7.0	32.7	91.2	225
Household appliances Emergency lighting Alarms Backup: computers, telex					
Memoguard Series VBM 029					
	40 RF 204	0.04	40.6x20.3x 8.9	10.5	
	40 RH 204	0.04	22.9x19.0x19.5	12.5	
	40 RM 210	0.10	30.5x27.9x19.5	22.9	Memory backup
Memory backup					
High Temperature Series VT 037, VT 137					
	VT AA	0.5	14.3	50.2	21
	VT Cs	1.2	22.4	42.2	49
	VT C	1.8	25.6	47.7	71
	VT D	4.0	32.6	60.3	138
	VT F	7.0	32.6	89.1	218
Emergency lighting Memory backup					

1. These batteries are also suitable for permanent charge.
2. Maximum dimensions of sleeved cells (CFG).

**STABLE
DISCHARGE
VOLTAGE**

The multicontact connections of Saft sealed nickel-cadmium batteries ensure uniform voltage throughout the discharge period. This performance is ideally suited to equipment requiring a high degree of voltage stability.

HIGH POWER

With their low internal resistance, Saft sealed nickel-cadmium batteries can deliver high power for rapid discharge.

RAPID CHARGE

The Saft range of sealed rechargeable nickel-cadmium batteries is specially designed for rapid charging in less than one hour under controlled conditions.

OVERCHARGE RESISTANCE

Saft sealed nickel-cadmium batteries can withstand long periods of overcharge safely and without degradation of performance.

WIDE RANGE OF OPERATING TEMPERATURES

Versatile Saft sealed nickel-cadmium batteries are useable in temperatures ranging from - 40 °C to + 50 °C, with some versions capable of operating at + 65 °C.

ECONOMICAL ENERGY

Saft sealed nickel-cadmium batteries can be used in place of standard cells without difficulty, and have a life span of up to 2000 cycles.

EXCEPTIONAL DURABILITY

Saft sealed nickel-cadmium batteries have the longest life span of any rechargeable energy source. They may even outlive the equipment in which they are installed.

OUTSTANDING RELIABILITY

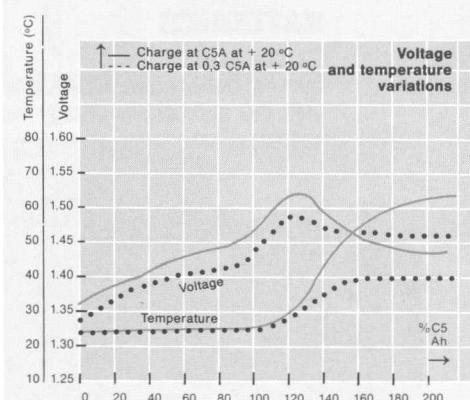
The high quality of Saft sealed nickel-cadmium batteries gives them a degree of reliability on a level with that of electronic components.

DEPENDABLY RUGGED

The steel containers of Saft sealed nickel-cadmium batteries make them highly resistant to arduous conditions.

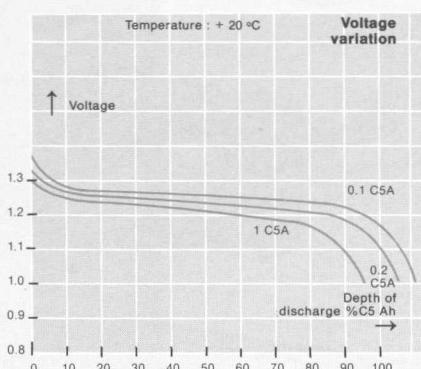
NO MAINTENANCE

Saft sealed nickel-cadmium batteries are maintenance-free. Their performance is not altered by long storage periods, whether charged or discharged.



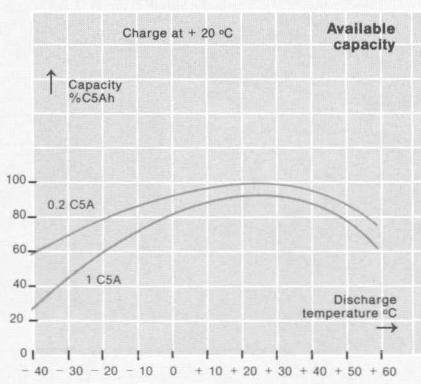
CHARGE

The voltage and temperature of Saft sealed nickel-cadmium batteries vary during charging. For rapid charge, these variations can serve as end-of-charge indicators.



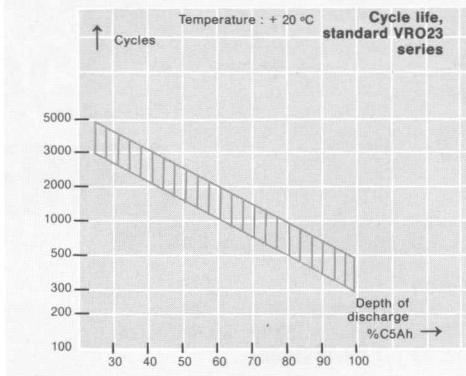
DISCHARGE

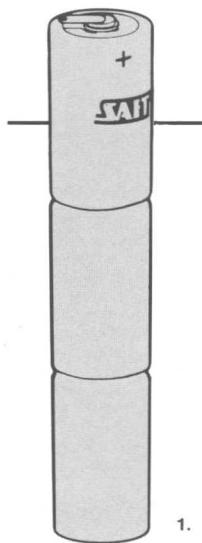
The voltage and capacity of Saft sealed nickel-cadmium batteries vary according to discharge rate and temperature.



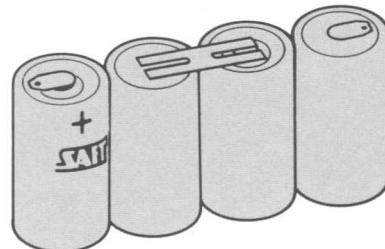
CYCLE LIFE

The life span of Saft sealed nickel-cadmium batteries depends on the type of use.





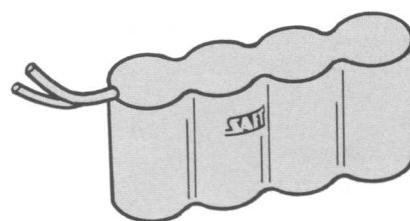
1.



2.



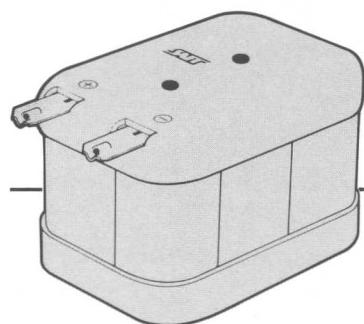
3.



4.



5.



6.

1. Cylindrical stack
2. Combination Pack
3. Standard VBE Battery
4. Heat-shrink overwrap and wiring
5. Memoguard R Battery
6. Redhead

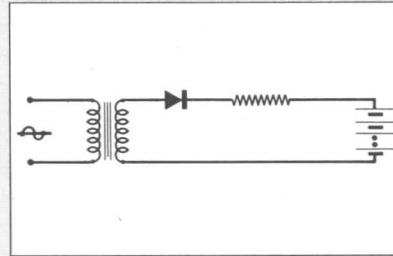
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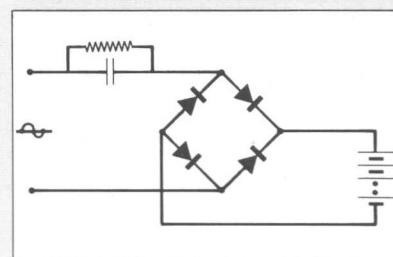
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BATTERIES

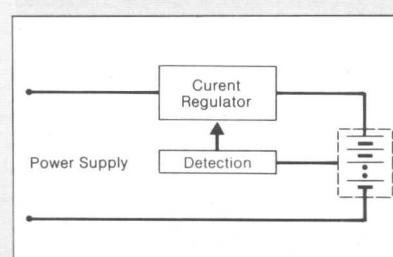
Specific battery assemblies provide the appropriate energy for each application.

CHARGERS**HALF-WAVE CHARGER**

This is used for standard rate charge over a period of 16 hours, or for continuous charge. This same principle may be applied to full-wave chargers.

**TRICKLE CHARGER**

These are always integrated into the equipment and used for low charge rates.

**RAPID CHARGERS**

Saft recommends the use of a safety device to limit the duration of rapid charging.

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